On Page 11, line 13, change "in" to ---and---.

On Page 11, line 16, change "35" to ---26---.

On Page 11, line 19, change "35" to ---26---.

On Page 11, line 22, change "power" to ---micro-power---.

On Page 13, line 15, after the first occurrence of "means", insert ---24---.

On Page 13, line 15, after the second occurrence of "means", insert ---22---.

On Page 14, line 18, change "in" to ---and---.

On Page 15, lines 9 and 10, after "the", delete "power-transducing means 26" and insert ---conversion circuitry 32---.

On Page 15, line 13, after "36.", insert ---In such an embodiment inductive pickup means 40 receives electromagnetic energy from a source external to the body.---.

a'

In the Claims

Please amend the claims as follows:

Please cancel Claims 3, 10, 14, 22, 23, 24 and 25.

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1. (Amended) A transceiver device implantable in a human body comprising:

a triggerable radio frequency transmitter,

a power source for powering said transmitter,

triggering means for activating said transmitter [means],

receiver means allowing the detection of an externally generated information signal, [and]

an antenna for effectively radiating RF energy from said transmitter to produce an identifiable RF signal for a period of time following activation by said trigger means,

said trigger means comprising an electromechanical device having a binary output, a digital decoder for detecting predetermined time-encoded information in the binary output of said electromechanical device and for providing an electrical trigger signal representative of the presence of such pre-determined information, and

said trigger signal causing the activation of said transmitter.

4. (Amended) The transceiver of Claim 1, wherein said receiving [triggering] means comprises a wave receiver for receiving a transmitted wave, and

said triggering means comprises a signal decoder responsive to information in an incoming [wave signal] transmitted wave for providing an electrical trigger signal representative of the presence of the information,

said trigger signal causing the activation of said transmitter [means].

5. (Amended) The implantable device of Claim 1 [2], wherein said triggering means additionally comprises a sustainable power supply comprising means for picking up periodically available external energy without external electrical contact, storing said energy for use over time, such that the resultant stored energy is sufficient to power the [wave] receiver means with enough regularity to ensure proper detection of information on said incoming [wave] signal.

6. (Amended) The device of Claim 1 [2], wherein said electromechanical means include threshold-detection circuitry.

~~8~~ 12. (Amended) The device of Claim 1 [3], further comprising means for providing a perceivable stimulus in response to one output from said digital decoder [decoding means].

~~11~~ 15. (Amended) The transceiver of Claim 1 [3], further comprising sensory stimulus means for providing a noticeable stimulus to alert the human in whom the device is implanted that [the] all or part of said externally generated [predetermined] information signal has been detected by said digital decoder [detector means].

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13. (Amended) The device of Claim 1 [3], wherein said digital decoder [decoding means] allow input from more than one source of binary information.

15. (Amended) The transceiver of Claim 12, wherein said [wave] receiver means comprises analog circuitry for amplifying the electrical field associated with the contraction of the human heart, and said digital decoder [detecting means] comprises means for detecting the lack of a regular heartbeat.

16. (Amended) The transceiver of Claim 4, further comprising sensory stimulus means for providing a noticeable stimulus to alert the person in whom the device is implanted that the all or part of said incoming transmitted wave [predetermined information signal] has been detected by said digital decoder [detector means].

20. (Amended) The transceiver of Claim 18, wherein said inductive pickup [means] are placed close to the surface of the body of the individual in which it is implanted.

18 ~~26~~. (Amended) A system for tracking and recovering humans in distress, comprising;

a plurality of triggerable transceivers implanted each in a human being,

each transceiver having a transmitter and a receiver, any one of said transmitters of said transceivers uniquely triggerable to transmit a radio frequency beacon signal after the receiver of said transceiver receives a predetermined radio frequency information signal,

a network of trigger transmitters and receivers, each being sensitive to said radio frequency beacon signal and capable of deriving positional information concerning the source of said beacon signal, and

said trigger transmitters being capable of transmitting a plurality of uniquely identifiable radio frequency information signals, capable of uniquely triggering one of the plurality of implanted radio transceivers.